

**Name:**

James Tomlinson

**Job Title:**

Leadership Fellow, School of Surgery

**Supervisor:**

Professor Gough

**Aims of Post:**

Redesign Orthopaedic Teaching Programme

Develop Cadaveric Simulation

**Summary of Post:**

Re-write of orthopaedic higher teaching programme from ST3-8 to develop wider understanding of both clinical knowledge and skills required as a consultant. Also involved in development of Thiel cadaveric training.

Conference organising committee for FLP conference, trained as LA 360 facilitator (ongoing), and also human factors instructor (ongoing) and helped develop regional HF course. I was also involved with theatre efficiency project in my trust (Sheffield TH).

**Achievements:**

Podium presentations:

Simulation – Playing golf in the dark? James Tomlinson, BOA Congress, Belfast, September 2016

Perceptions about the present and future of surgical simulation: a national study of mixed qualitative, quantitative methodology M. Yiasemidou, D. Glassman, J. Tomlinson, D. Song, M. Gough Society of Research and Academic Surgery, London, January 2016

“Thiel” Cadavers: The Holy Grail Of Surgical Simulation?

M Yiasemidou, D Glassman, J Tomlinson, D Roberts, D Miskovic. Society of Academic and Research Surgery, Durham, January 2015.



Thiel is real - but not just for surgeons?

J Tomlinson, M Yiasemidou, D Glassman, D Roberts, D Miskovic, ASPiH, Nottingham, November 2014

Poster presentations:

Developing a Human Factors Faculty for Team Training in Patient Safety

C Mann, J Tomlinson, J Crick, S Stirling. Leaders in Healthcare, Liverpool, November 2016

Why wait for the future leader?

J. Tomlinson, C Mann, J Crick, S Stirling. Leaders in Healthcare, Liverpool, November 2016

Back to the Future Leaders

J Crick, J Tomlinson, S Stirling. Leaders in Healthcare, Liverpool, November 2016

Are 'take home' box trainers as good as high fidelity, virtual reality (HFVR) simulators in acquiring laparoscopic surgical skills?

M. Yiasemidou, J. De Siquera, D. Glassman, J. Tomlinson, M. Gough  
UEG week, Barcelona, October 2015

Pedicle Screw Insertion – Theatre or the lab?

J. Tomlinson, M. Yiasemidou, D. Roberts, J. Timothy British Orthopaedic Association, Liverpool, September 2015

Pedicle Screw Insertion – Theatre or the lab?

J.E. Tomlinson, S. Wilson, D.J. Roberts, J. Timothy British Association of Spinal Surgeons, Bath, March 2015

Changing learning, changing care – Cultural shift through education

J. Tomlinson, T Herrick, M Gough FMLM North Meeting, Leeds 2014

HEYH Surgical Simulation Collaborative

M Yiasemidou, D Glassman, J Tomlinson, M Gough ASPiH, Nottingham  
November 2014

Should simulation training be compulsory in all surgical specialties?

M Yiasemidou, D Glassman, J Tomlinson, M Gough ASPiH, Nottingham  
November 2014

Simulation 'What, why, how and who'

J Tomlinson, M Yiasemidou, J Crick, ASPIH, Nottingham, November 2014

YouTube as an educational tool – the launch of a simulated surgical procedures channel

M Yiasemidou, D Glassman, J Tomlinson, Michael Gough ASPIH, Nottingham November 2014

#### Published Papers:

Perceptions About the Present and Future of Surgical Simulation: A National Study of Mixed Qualitative and Quantitative Methodology. Yiasemidou M, Glassman D, Tomlinson J, Song D, Gough MJ. *J Surg Educ.* 2017 Jan - Feb;74(1):108-116. doi: 10.1016/j.jsurg.2016.07.011.

To what extent does monitor position modulate visual-motor performance during minimally invasive surgery? White, A.D., Mushtaq, F., Giles, O.T., Raw, R.K., Tomlinson, J., Miskovic, D., Lodge, J.P.A., Wilkie, R.M., & Mon-Williams, M. *Journal of Surgical Simulation* (2016) 3, 1-7.

Cadaveric Spinal Surgery Simulation: A Comparison of Cadaver Types  
James Tomlinson, Marina Yiasemidou, Anna Watts, Dave Roberts, Jake Roberts. *Global Spine Journal*.

#### Published Abstracts:

Are 'take home' box trainers as good as high fidelity, virtual reality (HFVR) simulators in acquiring laparoscopic surgical skills?

M. Yiasemidou, J. De Siquera, D. Glassman, J. Tomlinson, M. Gough  
*United European Gastroenterology Journal* October 2015 3:146-687.  
Doi:10.1177/2050640615601623

Comparison of cadaver types for spinal surgery training  
James Tomlinson, Marina Yiasemidou, Dave Roberts, Jake Timothy  
*BMJ STEL* 2015;1:Suppl 2 A63 doi:10.1136/bmjstel-2015-000075.156

'Thiel' cadavers: The holy grail of surgical simulation?  
M. Yiasemidou, D. Glassman, J. Tomlinson, D. Roberts, D. Miskovic (2015),  
*SARS Abstracts. Br J Surg.* 102:3-52. doi:10.1002/bjs.9822

Pedicle screw insertion – theatre or the lab?  
James Tomlinson, Sarah Wilson, Dave Roberts, Jake Timothy. *The Spine Journal* 2015 vol 15, Number 3S 84S.

What, Why, How And Who?  
James Tomlinson, Marina Yiasemidou, James Crick, Daniel Glassman, Polly Dickerson, Michael Gough

BMJ STEL 2014;1:Suppl 1 A47-A48 doi:10.1136/bmjstel-2014-000002.115

Thiel Is Real – But Not Just For Surgeons?

James Tomlinson, Marina Yiasemidou, Daniel Glassman, Michael Gough,  
David Roberts, Danilo Miskovic

BMJ STEL 2014;1:Suppl 1 A75 doi:10.1136/bmjstel-2014-000002.183

Youtube As An Educational Tool: The Launch Of A Simulated Surgical  
Procedures Channel

Marina Yiasemidou, Daniel Glassman, James Tomlinson, Michael Gough

BMJ STEL 2014;1:Suppl 1 A53 doi:10.1136/bmjstel-2014-000002.129

Health Education Yorkshire And The Humber (HEYH) Surgical Simulation  
Collaborative

Marina Yiasemidou, Daniel Glassman, James Tomlinson, Polly Dickerson,  
Michael Gough

BMJ STEL 2014;1:Suppl 1 A71 doi:10.1136/bmjstel-2014-000002.173

Should Simulation Training Be Compulsory For Trainees In All Surgical  
Specialties?

Marina Yiasemidou, Polly Dickerson, James Tomlinson, Daniel Glassman,  
Joanne Johnson, Michael Gough

BMJ STEL 2014;1:Suppl 1 A68-A69 doi:10.1136/bmjstel-2014-000002.167